

## EAST Search History

| Ref # | Hits  | Search Query                      | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|-----------------------------------|--|------------------|---------|------------------|
| L1    | 94017 | generat\$3 near3 address          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/13 08:23 |
| L2    | 10944 | code near group\$4                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/13 08:23 |
| L3    | 16908 | synchroniz\$5 near3 cod\$4        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/13 08:23 |
| L4    | 585   | L2 same L3                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/13 08:23 |
| L5    | 47    | L1 and L4                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/13 08:23 |
| L36   | 53551 | control\$3 with (adder or summer) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/13 10:03 |
| L37   | 2955  | (third or fourth) with 36         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/13 10:03 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| L38 | 13     | 4 and 37  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 10:55 |
| L39 | 209    | summands near5 adder  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 10:55 |
| L40 | 29     | 4 and 39  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 10:55 |
| L41 | 281240 | (intermediat\$3 or second\$3) near3<br>(memor\$3 or storage or CPU) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 10:59 |
| L42 | 16908  | synchroniz\$5 near3 cod\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 10:59 |
| L43 | 2589   | L42 with frame  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 10:59 |
| L44 | 715    | L42 with (timeslot\$1 or (time<br>near2 slot\$1) or slot\$1)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 10:59 |

## EAST Search History

|     |        |                    |  |    |     |                  |
|-----|--------|--------------------|--|----|-----|------------------|
| L45 | 389    | L43 and L44        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 10:59 |
| L46 | 52     | L41 and L45        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 10:59 |
| L47 | 138665 | frame near6 number | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 10:59 |
| L48 | 36     | L46 and L47        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 10:59 |
| L49 | 6      | energy and L48     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 10:59 |
| L50 | 504    | (370/324).CCLS.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/13 10:59 |
| L51 | 646    | (370/320).CCLS.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/13 10:59 |

## EAST Search History

|     |      |                     |  |    |     |                  |
|-----|------|---------------------|--|----|-----|------------------|
| L52 | 3175 | (370/335).CCLS.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/13 10:59 |
| L53 | 3661 | (370/342).CCLS.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/13 10:59 |
| L54 | 559  | (370/345).CCLS.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/13 10:59 |
| L55 | 1101 | (370/350).CCLS.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/13 10:59 |
| L56 | 2579 | (370/503).CCLS.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/13 10:59 |
| L57 | 2954 | (370/507-513).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/13 10:59 |
| L58 | 806  | (455/502).CCLS.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/13 10:59 |

## EAST Search History

|     |       |  |  |    |     |                  |
|-----|-------|--|--|----|-----|------------------|
| L59 | 108   | (455/514).CCLS.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/13 10:59 |
| L60 | 269   | (455/513).CCLS.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/13 10:59 |
| L61 | 12386 | L49 L50 L51 L52 L53 L54 L55 L56<br>L57 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 11:48 |
| L62 | 1170  | L58 L59 L60                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 10:59 |
| L63 | 13321 | L61 L62                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 11:00 |
| L64 | 1     | 39 and 61                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 11:01 |
| L65 | 0     | 39 and 62                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 11:01 |

## EAST Search History

|     |      |                 |  |    |     |                  |
|-----|------|-----------------|--|----|-----|------------------|
| L66 | 631  | (375/365).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/13 11:01 |
| L67 | 162  | (375/366).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/13 11:01 |
| L68 | 760  | L66 L67         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 11:01 |
| L69 | 1    | 39 and 68       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 11:12 |
| L70 | 19   | 39 and 37       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 11:12 |
| L71 | 4199 | hadamard        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 11:32 |
| L72 | 2    | 39 and 71       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/13 11:33 |

## EAST Search History

|     |      |                                      |  |    |    |                  |
|-----|------|--------------------------------------|--|----|----|------------------|
| L73 | 2    | 70 and 71                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 11:42 |
| L74 | 0    | fourth adj addre                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 11:43 |
| L75 | 1042 | fourth adj adder                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 11:48 |
| L76 | 6    | 39 and 75                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 11:43 |
| L77 | 8811 | (third or first or secoud) adj adder | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 11:48 |
| L78 | 6    | 76 and 77                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 11:49 |
| L79 | 0    | 71 and 78                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 11:48 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| L80 | 5      | 71 and 75   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 11:50 |
| S1  | 21     | chae-man.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 06:11 |
| S2  | 16877  | synchroniz\$5 near3 cod\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/13 06:14 |
| S3  | 280682 | (intermediat\$3 or second\$3) near3<br>(memor\$3 or storage or CPU) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:24 |
| S4  | 2588   | S2 with frame   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 09:52 |
| S5  | 715    | S2 with (timeslot\$1 or (time near2<br>slot\$1) or slot\$1)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 09:52 |
| S6  | 389    | S4 and S5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 09:53 |



## EAST Search History

|     |        |                    |  |    |     |                  |
|-----|--------|--------------------|--|----|-----|------------------|
| S7  | 52     | S3 and S6          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 09:53 |
| S8  | 138408 | frame near6 number | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 10:03 |
| S9  | 36     | S7 and S8          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 09:53 |
| S10 | 6      | energy and S9      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 10:17 |
| S11 | 503    | (370/324).CCLS.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 09:58 |
| S12 | 645    | (370/320).CCLS.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 09:58 |
| S13 | 3168   | (370/335).CCLS.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 09:59 |

## EAST Search History

|     |        |  |  |    |     |                  |
|-----|--------|--|--|----|-----|------------------|
| S14 | 3651   | (370/342).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 09:59 |
| S15 | 557    | (370/345).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 09:59 |
| S16 | 1101   | (370/350).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 10:00 |
| S17 | 2576   | (370/503).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 10:02 |
| S18 | 2953   | (370/507-513).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 10:02 |
| S19 | 247474 | (N or M) adj2 number   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 10:03 |
| S20 | 532014 | (intermediat\$3 or second\$3 or<br>group or plurality) near5<br>(memor\$3 or storage or CPU) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/12 15:00 |

## EAST Search History

|     |       |  |  |    |     |                  |
|-----|-------|--|--|----|-----|------------------|
| S21 | 10927 | code near group\$4                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 12:25 |
| S22 | 4196  | hadamard                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 10:05 |
| S23 | 104   | S22 same (S21 or S2)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 10:06 |
| S24 | 804   | (455/502).CCLS.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 10:06 |
| S25 | 106   | (455/514).CCLS.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 10:07 |
| S26 | 268   | (455/513).CCLS.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 10:07 |
| S27 | 12367 | S10 S11 S12 S13 S14 S15 S16 S17<br>S18 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 10:08 |

## EAST Search History

|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| S28 | 1166   | S24 S25 S26                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 10:08 |
| S29 | 13298  | S27 S28                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 10:08 |
| S30 | 20     | S20 and S23                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 10:08 |
| S31 | 10     | S29 and S30                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 10:09 |
| S32 | 434304 | (energy or threshold) near3 (value or level) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:25 |
| S33 | 6      | S31 and S32                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 10:28 |
| S34 | 3181   | S20 and S21                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 10:28 |

## EAST Search History

|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| S35 | 3      | S1 and S34   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 11:03 |
| S36 | 56     | alpaslan near2 demir.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 11:03 |
| S37 | 2      | "20020064211"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:22 |
| S38 | 362293 | (intermediat\$3 or second\$3 or plurality) adj5 (memor\$3 or storage or CPU) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:24 |
| S39 | 36227  | code near5 group\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:25 |
| S40 | 583085 | (energy or threshold or estimat\$4) near5 (value or level or threshold)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:26 |
| S41 | 16877  | synchroniz\$5 near3 cod\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:26 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S42 | 280682 | (intermediat\$3 or second\$3) near3<br>(memor\$3 or storage or CPU) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:26 |
| S43 | 2588   | S41 with frame  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:26 |
| S44 | 715    | S41 with (timeslot\$1 or (time<br>near2 slot\$1) or slot\$1)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:26 |
| S45 | 389    | S43 and S44   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:26 |
| S46 | 52     | S42 and S45   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:26 |
| S47 | 138408 | frame near6 number  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:26 |
| S48 | 36     | S46 and S47   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:26 |

## EAST Search History

|     |      |                 |  |    |     |                  |
|-----|------|-----------------|--|----|-----|------------------|
| S49 | 6    | energy and S48  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 12:26 |
| S50 | 503  | (370/324).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 12:26 |
| S51 | 645  | (370/320).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 12:26 |
| S52 | 3168 | (370/335).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 12:26 |
| S53 | 3651 | (370/342).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 12:26 |
| S54 | 557  | (370/345).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 12:26 |
| S55 | 1101 | (370/350).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 12:26 |

## EAST Search History

|     |       |                                     |  |    |     |                  |
|-----|-------|-------------------------------------|--|----|-----|------------------|
| S56 | 2576  | (370/503).CCLS.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 12:26 |
| S57 | 2953  | (370/507-513).CCLS.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 12:26 |
| S58 | 804   | (455/502).CCLS.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 12:26 |
| S59 | 106   | (455/514).CCLS.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 12:26 |
| S60 | 268   | (455/513).CCLS.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/06 12:26 |
| S61 | 12367 | S49 S50 S51 S52 S53 S54 S55 S56 S57 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 12:26 |
| S62 | 1166  | S58 S59 S60                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 12:26 |



## EAST Search History

|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S63 | 13298 | S61 S62                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:26 |
| S64 | 22678 | (synchroniz\$5 or synch) near5<br>cod\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:27 |
| S65 | 1285  | S38 and S39 and S40                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:27 |
| S66 | 63    | S63 and S65                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:27 |
| S67 | 4196  | hadamard                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:28 |
| S68 | 15    | S66 and S67                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:30 |
| S69 | 63    | S66 and S63                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06 12:31 |

## EAST Search History

|     |     |                  |  |    |     |                  |
|-----|-----|------------------|--|----|-----|------------------|
| S70 | 2   | ("7142526").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2007/02/06 12:32 |
| S71 | 2   | ("7061893").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2007/02/06 12:43 |
| S72 | 270 | 3GPP2 same UMTS  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 12:43 |
| S73 | 79  | 3GPP2 near5 UMTS | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 12:44 |
| S74 | 776 | S64 same "38"    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 12:45 |
| S75 | 0   | S64 same S72     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 12:45 |
| S76 | 7   | S64 and S72      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/06 12:45 |

## EAST Search History

|     |      |                 |  |    |     |                  |
|-----|------|-----------------|--|----|-----|------------------|
| S77 | 631  | (375/365).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:20 |
| S78 | 162  | (375/366).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:20 |
| S79 | 760  | S77 S78         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/09 10:20 |
| S80 | 805  | (455/502).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |
| S81 | 106  | (455/514).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |
| S82 | 268  | (455/513).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |
| S83 | 1167 | S80 S81 S82     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/09 10:21 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S84 | 16894  | synchroniz\$5 near3 cod\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/09 10:21 |
| S85 | 280980 | (intermediat\$3 or second\$3) near3<br>(memor\$3 or storage or CPU) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/09 10:21 |
| S86 | 2588   | S84 with frame  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/09 10:21 |
| S87 | 715    | S84 with (timeslot\$1 or (time<br>near2 slot\$1) or slot\$1)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/09 10:21 |
| S88 | 389    | S86 and S87   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/09 10:21 |
| S89 | 52     | S85 and S88   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/09 10:21 |
| S90 | 138554 | frame near6 number  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/09 10:21 |

## EAST Search History

|     |      |                 |  |    |     |                  |
|-----|------|-----------------|--|----|-----|------------------|
| S91 | 36   | S89 and S90     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/09 10:21 |
| S92 | 6    | energy and S91  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/09 10:21 |
| S93 | 503  | (370/324).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |
| S94 | 645  | (370/320).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |
| S95 | 3171 | (370/335).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |
| S96 | 3655 | (370/342).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |
| S97 | 557  | (370/345).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |

## EAST Search History

|          |       |   |  |    |     |                  |
|----------|-------|---|--|----|-----|------------------|
| S98      | 1101  | (370/350).CCLS.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |
| S99      | 2577  | (370/503).CCLS.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |
| S10<br>0 | 2953  | (370/507-513).CCLS.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |
| S10<br>1 | 805   | (455/502).CCLS.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |
| S10<br>2 | 106   | (455/514).CCLS.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |
| S10<br>3 | 268   | (455/513).CCLS.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/09 10:21 |
| S10<br>4 | 12374 | S92 S93 S94 S95 S96 S97 S98 S99<br>S100 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/09 10:21 |

## EAST Search History

|          |       |                               |  |    |    |                  |
|----------|-------|-------------------------------|--|----|----|------------------|
| S10<br>5 | 1167  | S101 S102 S103                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/09 10:21 |
| S10<br>6 | 13306 | S104 S105                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/09 13:28 |
| S10<br>7 | 146   | augment\$4 near2 reality.clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/09 13:29 |
| S10<br>8 | 93960 | generat\$3 near3 address      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:01 |
| S10<br>9 | 10940 | code near group\$4            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:05 |
| S11<br>0 | 16898 | synchroniz\$5 near3 cod\$4    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:06 |
| S11<br>1 | 585   | S109 same S110                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:06 |

## EAST Search History

|          |    |               |  |    |    |                  |
|----------|----|---------------|--|----|----|------------------|
| S11<br>2 | 47 | S108 and S111 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:06 |
|----------|----|---------------|--|----|----|------------------|